## **EAST Search History**

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	40	(US-20040157397-\$ or US-20040224486-\$ or US-20050054173-\$ or US-20050074931-\$ or US-20020063299-\$ or US-20050112831-\$ or US-20050227421-\$ or US-20060088969-\$ or US-20090256146-\$ or US-20040072394-\$ or US-20040115892-\$ or US-20040235280-\$ or US-20050003638-\$).did. or (US-6380044-\$ or US-6645838-\$ or US-6852603-\$ or US-6893909-\$ or US-6924180-\$ or US-6943085-\$ or US-7112516-\$ or US-6461945-\$ or US-5211984-\$ or US-5852703-\$ or US-6329269-\$ or US-6593618-\$ or US-7118980-\$ or US-6362063-\$ or US-6251757-\$ or US-6074937-\$ or US-6555439-\$ or US-7141477-\$ or US-6521502-\$ or US-6372591-\$ or US-6063682-\$ or US-5602045-\$ or US-5407838-\$ or US-5223445-\$).did. or (US-20040115892-\$ or US-20040029350-\$ or US-20020142553-\$).did.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/06/05 15:04
L2	17	L1 and thickness near5 (nm or nanometer or nano meter or angstrom)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/05 15:09
L3	11	L1 and depth near5 (nm or nanometer or nano meter or angstrom)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/05 15:12
L5	24	L1 and (("0.5" or "1" or "2" or "3") near5 (keV or kiloeV or kiloeV or	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/05 15:58
S1	1	10/596612	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/04 21:19
S2	1721	(438/341.cds. or 438/FOR484.cds. or 257/92.cds. or 257/E21.09- E21.093.cds.)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/04 21:43
<b>S</b> 8	1464	(438/4,150,166,168,187,198,222,226,231,232,245-247,269,300,303,305,306,308,341,350,365,368-378,413,420,442,481,486,514,527,530.ccls. or 438/FOR261,FOR312,FOR313,FOR314,FOR484.ccls. or 257/592 or 257/E21.09-E21.093, E21.12,E21.133.ccls.) and (electronvolt or electron volt or eV or eVolt or eVolts or e Volt or keV or kiloeV or kiloelectronVolt) with (atom\$2cm \$1sup\$2 or atom or at\$2cm\$1sup\$2)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/04 21:56

S10	378	(438/4,150,166,168,187,198,222,226,231,232,245-247,269,300,303,305,306,308,341,350,365,368-378,413,420,442,481,486,514,527,530.ccls. or 438/FOR261,FOR312, FOR313,FOR314,FOR484.ccls. or 257/592 or 257/E21.09-E21.093, E21.12,E21.133.ccls.) and (electronvolt or electron volt or eV or eVolt or eVolts or e Volt or keV or kiloeV or kiloelectronVolt) with (atom\$2cm \$1sup\$2 or atom or at\$2cm\$1sup\$2) and ((preliminary or first or primary) (doping or dopant or doped or implant\$5) and (second or subsequent or secondary or another or other or different or additional or adjacent or opposite or next) (doping or dopant or doped or implant \$5))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/04 22:02
S12	304	(438/4,150,166,168,187,198,222,226,231,232,245-247,269,300,303,305,306,308,341,350,365,368-378,413,420,442,481,486,514,527,530.ccls. or 438/FOR261,FOR312, FOR313,FOR314,FOR484.ccls. or 257/592 or 257/E21.09-E21.093, E21.12,E21.133.ccls.) and (electronvolt or electron volt or eV or eVolt or eVolts or e Volt or keV or kiloeV or kiloelectronVolt) with (atom\$2cm\$1sup\$2 or atom or at\$2cm\$1sup\$2) and ((preliminary or first or primary) (doping or dopant or doped or implant\$5) and (second or subsequent or secondary or another or other or different or additional or adjacent or opposite or next) (doping or dopant or doped or implant \$5)) same (phosphorous or P or arsenic or As or boron or B or indium or In)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/04 22:04
S14	32	(438/4,150,166,168,187,198,222,226,231,232,245-247,269,300,303,305,306,308,341,350,365,368-378,413,420,442,481,486,514,527,530.ccls. or 438/FOR261,FOR312, FOR313,FOR314,FOR484.ccls. or 257/592 or 257/E21.09-E21.093, E21.12,E21.133.ccls.) and (electronvolt or electron volt or eV or eVolt or eVolts or e Volt or keV or kiloeV or kiloelectronVolt) with (atom\$2cm\$1sup\$2 or atom or at\$2cm\$1sup\$2) and ((preliminary or first or primary) adj2 (doping or dopant or doped or implant\$5) and (second or subsequent or secondary or another or other or different or additional or adjacent or opposite or next) adj2 (doping or dopant or doped or implant\$5)) and (SPER or SPE or solid phase epitax\$3 or homoepi\$7 or SP epitax\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/04 22:11

S15	4	(438/4,150,166,168,187,198,222,226,231,232,245-247,269,300,303,305,306,308,341,350,365,368-378,413,420,442,481,486,514,527,530.ccls. or 438/FOR261,FOR312, FOR313,FOR314,FOR484.ccls. or 257/592 or 257/E21.09-E21.093, E21.12,E21.133.ccls.) and (electronvolt or electron volt or eV or eVolt or eVolts or e Volt or keV or kiloeV or kiloelectronVolt) with (atom\$2cm\$1sup\$2 or atom or at\$2cm\$1sup\$2) and ((preliminary or first or primary) adj2 (SPER or SPE or solid phase epitax\$3 or SP epitax\$3) and (second or subsequent or secondary or another or other or different or additional or adjacent or opposite or next) adj2 (SPER or SPE or solid phase epitax\$3 or SP epitax\$3)) and (SPER or SPE or solid phase epitax\$3 or SP epitax\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/04 22:16
S16	11	(438/4,150,166,168,187,198,222,226,231,232,245-247,269,300,303,305,306,308,341,350,365,368-378,413,420,442,481,486,514,527,530.ccls. or 438/FOR261,FOR312,FOR313,FOR314,FOR484.ccls. or 257/592 or 257/E21.09-E21.093, E21.12,E21.133.ccls.) and ((preliminary or first or primary) adj2 (SPER or SPE or solid phase epitax\$3 or SP epitax\$3) and (second or subsequent or secondary or another or other or different or additional or adjacent or opposite or next) adj2 (SPER or SPE or solid phase epitax\$3 or SP epitax\$3) and (SPER or SPE or solid phase epitax\$3 or SP epitax\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/04 22:17
S17	143	((preliminary or first or primary) adj2 (SPER or SPE or solid phase epitax\$3 or SP epitax\$3) and (second or subsequent or secondary or another or other or different or additional or adjacent or opposite or next) adj2 (SPER or SPE or solid phase epitax\$3 or SP epitax\$3)) and (SPER or SPE or solid phase epitax\$3 or SP epitax\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/04 22:20
S18	10	("5602045" or "5223445" or "6251757" or "6555439" or "6372591" or "6521502" or "6063682" or "6380044" or "5407838" or "6362063").pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/04 23:41
S20	93	(SPER or SPE or solid phase epitax\$3 or SP epitax\$3) same amorph\$ and shallow junction and leakage and activat\$3 and (source or drain or source\$1drain or drain\$1source or S\$1D or D\$1S) and \$2crystal\$8	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/04 23:48
S22	4	((preliminary or first or primary) adj2 (SPER or SPE or solid phase epitax\$3 or SP epitax\$3) and (second or subsequent or secondary or another or other or different or additional or adjacent or opposite or next) adj2 (SPER or SPE or solid phase epitax\$3 or SP epitax\$3)) and (SPER or SPE or solid phase epitax\$3 or SP epitax\$3)	FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/04 23:49

S24	9	(SPER or SPE or solid phase epitax\$3 or SP epitax\$3) same amorph\$ and leakage and activat\$3	FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/04 23:51
S25	23	or (lindsay near richard)).in. and (SPER or SPE or solid phase epitax\$3	US-PGPUB; USPAT; USOOR; EPO	ADJ	ON	2010/06/04 23:56
S27	54	((san jose adj2 "95131") or (philips or koninklijke or NXP).as.) and (SPER or SPE or solid phase epitax\$3 or SP epitax\$3)	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2010/06/04 23:59
S28	49	(438/341.ccls. or 438/FOR484.ccls. or 257/92.ccls. or 257/E21.09-E21.093.ccls.) and (electronvolt or electron volt or eV or eVolt or eVolts or e Volt or kiloeV or kiloelectronVolt) with (atom\$2cm \$1sup\$2 or atom or at\$2cm\$1sup\$2)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/05 11:50
\$31	40	(US-20040157397-\$ or US-20040224486-\$ or US-20050054173-\$ or US-20050074931-\$ or US-20020063299-\$ or US-20050112831-\$ or US-20050227421-\$ or US-20060088969-\$ or US-20090256146-\$ or US-20040072394-\$ or US-20040115892-\$ or US-20040235280-\$ or US-20050003638-\$).did. or (US-6380044-\$ or US-6645838-\$ or US-6852603-\$ or US-6893909-\$ or US-6924180-\$ or US-6943085-\$ or US-7112516-\$ or US-6461945-\$ or US-5211984-\$ or US-5852703-\$ or US-6329269-\$ or US-6593618-\$ or US-7118980-\$ or US-6362063-\$ or US-6251757-\$ or US-6074937-\$ or US-6555439-\$ or US-7141477-\$ or US-6521502-\$ or US-6372591-\$ or US-6063682-\$ or US-5602045-\$ or US-5407838-\$ or US-5223445-\$).did. or (US-20040115892-\$ or US-20040029350-\$ or US-20020142553-\$).did.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/06/05 12:28
S32	9	S31 and (partial\$3 with (amorph\$5 or regrow\$3 or \$2crystalli\$4))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/05 12:28

## **EAST Search History (Interference)**

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## 6/5/2010 4:51:49 PM

 $\textbf{C:} \ \textbf{Documents and Settings} \ \textbf{psene} \ \textbf{My Documents} \ \textbf{EAST} \ \textbf{Workspaces} \ \textbf{10596612Pawlak.wsp}$